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OM protein - protein search, using sw model

Run on: December 15, 2003, 14:58:09 ; Search time 21 Seconds
(without alignments)
624.589 Million cell updates/sec

Title: US-09-831-805a-6

Perfect score: 310
Sequence: 1 MALRRPRLRLCARLPDFLL.....VNYIRDEGDFRHKSFVI 310Scoring table: OLIGO
Gapop 60.0 , Gapext 60.0

Searched: 328717 seqs, 42310858 residues

Word size : 0

Total number of hits satisfying chosen parameters: 328717

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Listing first 100 summaries

Database :

Issued Patents, AA:*
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4: /cgn2_6/ptodata/1/1aa/6B_COMB.pep:*
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6: /cgn2_6/ptodata/1/1aa/backfile1.pep:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	7	2.3	14	US-08-310-912A-190	Sequence 190, App
2	7	2.3	14	US-09-301-085-190	Sequence 190, App
3	7	2.3	14	PCT-US95-04589-190	Sequence 190, App
4	7	2.3	52	US-09-330-330-9	Sequence 9, Appli
5	7	2.3	119	US-09-134-001C-5228	Sequence 5228, Ap
6	7	2.3	215	US-09-328-352-6750	Sequence 6750, Ap
7	7	2.3	223	US-09-352-991A-32267	Sequence 32267, A
8	7	2.3	224	US-09-352-991A-24969	Sequence 24969, A
9	7	2.3	240	US-09-252-991A-17237	Sequence 17237, A
10	7	2.3	241	US-08-484-272-2	Sequence 2, Appli
11	7	2.3	241	US-08-476-489-2	Sequence 2, Appli
12	7	2.3	241	US-08-467-070-2	Sequence 2, Appli
13	7	2.3	241	US-08-467-070A-2	Sequence 2, Appli
14	7	2.3	244	PCT-US93-11659-2	Sequence 2, Appli
15	7	2.3	244	US-08-883-086-9	Sequence 9, Appli
16	7	2.3	244	US-09-589-287B-5	Sequence 5, Appli
17	7	2.3	244	US-09-588-947A-5	Sequence 5, Appli
18	7	2.3	249	US-09-154-802-1	Sequence 1, Appli
19	7	2.3	249	US-09-373-029-1	Sequence 1, Appli
20	7	2.3	325	US-09-252-991A-31408	Sequence 31408, A
21	7	2.3	333	US-08-148-215A-4	Sequence 4, Appli
22	7	2.3	333	US-09-170-496D-16	Sequence 16, Appli
23	7	2.3	333	US-09-170-496D-172	Sequence 172, App
24	7	2.3	454	US-09-240-639-11	Sequence 11, Appli
25	7	2.3	494	US-09-252-991A-28162	Sequence 28162, A
26	7	2.3	503	US-09-215-694-8	Sequence 8, Appli
27	7	2.3	517	US-09-252-991A-19322	Sequence 19322, A

28	7	2.3	524	US-08-928-692-12	Sequence 12, Appli
29	7	2.3	524	US-09-339-972-12	Sequence 12, Appli
30	7	2.3	547	US-09-252-991A-18576	Sequence 18576, A
31	7	2.3	556	US-09-252-991A-18110	Sequence 18110, A
32	7	2.3	603	US-09-252-991A-25264	Sequence 25264, A
33	7	2.3	621	US-09-252-991A-19749	Sequence 19749, A
34	7	2.3	642	US-08-706-936-2	Sequence 2, Appli
35	7	2.3	642	US-08-706-936-3	Sequence 3, Appli
36	7	2.3	643	US-08-616-844-39	Sequence 39, Appli
37	7	2.3	643	US-08-599-654-39	Sequence 39, Appli
38	7	2.3	643	US-08-944-868A-39	Sequence 39, Appli
39	7	2.3	643	US-08-944-423A-39	Sequence 39, Appli
40	7	2.3	643	US-08-944-496-39	Sequence 39, Appli
41	7	2.3	693	US-08-553-279-2	Sequence 2, Appli
42	7	2.3	704	US-09-252-991A-30631	Sequence 30631, A
43	7	2.3	885	US-08-310-912A-2	Sequence 2, Appli
44	7	2.3	885	US-08-841-089-2	Sequence 2, Appli
45	7	2.3	885	US-09-301-085-2	Sequence 2, Appli
46	7	2.3	885	PCT-US95-04570-2	Sequence 2, Appli
47	7	2.3	885	PCT-US95-04589-2	Sequence 2, Appli
48	7	2.3	907	US-08-930-996A-7	Sequence 7, Appli
49	7	2.3	909	US-08-310-912A-142	Sequence 142, App
50	7	2.3	909	US-09-301-085-142	Sequence 142, App
51	7	2.3	909	PCT-US95-04589-142	Sequence 142, App
52	7	2.3	1209	US-09-252-991A-25844	Sequence 25844, A
53	7	2.3	1299	US-09-252-991A-31121	Sequence 31121, A
54	7	2.3	1554	US-09-252-991A-26814	Sequence 26814, A
55	7	2.3	4551	US-09-320-878-1	Sequence 1, Appli
56	7	2.3	4551	US-09-141-908-2	Sequence 2, Appli
57	7	2.3	4551	US-09-657-440-1	Sequence 1, Appli
58	7	2.3	4613	US-09-105-537-31	Sequence 31, Appli
59	7	2.3	11877	US-09-105-537-6	Sequence 6, Appli
60	6	1.9	12	US-08-406-330-80	Sequence 80, Appli
61	6	1.9	12	US-08-556-537-80	Sequence 80, Appli
62	6	1.9	17	US-08-321-670-9	Sequence 9, Appli
63	6	1.9	27	US-09-227-357-276	Sequence 276, App
64	6	1.9	31	US-09-205-258-985	Sequence 985, App
65	6	1.9	39	US-09-220-528-49	Sequence 49, Appli
66	6	1.9	45	US-09-053-197A-72	Sequence 72, Appli
67	6	1.9	45	US-09-085-761A-77	Sequence 77, Appli
68	6	1.9	50	US-08-331-394-12	Sequence 12, Appli
69	6	1.9	50	US-08-250-858-12	Sequence 12, Appli
70	6	1.9	50	US-08-446-915-12	Sequence 12, Appli
71	6	1.9	50	US-08-744-139-12	Sequence 12, Appli
72	6	1.9	50	US-08-775-414-22	Sequence 22, Appli
73	6	1.9	50	US-08-931-858B-22	Sequence 22, Appli
74	6	1.9	50	US-08-981-739-22	Sequence 22, Appli
75	6	1.9	51	US-09-128-026-22	Sequence 22, Appli
76	6	1.9	61	US-09-462-843A-2	Sequence 2, Appli
77	6	1.9	61	US-09-328-352-7170	Sequence 7170, App
78	6	1.9	71	US-09-732-210-112	Sequence 112, App
79	6	1.9	76	US-09-252-991A-26803	Sequence 26803, A
80	6	1.9	76	US-08-519-777-22	Sequence 22, Appli
81	6	1.9	76	US-08-742-035-22	Sequence 22, Appli
82	6	1.9	76	US-08-777-019-22	Sequence 22, Appli
83	6	1.9	76	US-08-777-143-24	Sequence 24, Appli
84	6	1.9	76	US-08-777-143-24	Sequence 24, Appli
85	6	1.9	76	US-08-777-143-24	Sequence 24, Appli
86	6	1.9	76	US-08-777-143-24	Sequence 24, Appli
87	6	1.9	76	US-08-777-143-24	Sequence 24, Appli
88	6	1.9	76	US-08-777-143-24	Sequence 24, Appli
89	6	1.9	76	US-08-777-143-24	Sequence 24, Appli
90	6	1.9	76	US-08-777-143-24	Sequence 24, Appli
91	6	1.9	76	US-08-777-143-24	Sequence 24, Appli
92	6	1.9	76	US-08-777-143-24	Sequence 24, Appli
93	6	1.9	76	US-08-777-143-24	Sequence 24, Appli
94	6	1.9	76	US-08-777-143-24	Sequence 24, Appli
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96	6	1.9	76	US-08-777-143-24	Sequence 24, Appli
97	6	1.9	76	US-08-777-143-24	Sequence 24, Appli
98	6	1.9	76	US-08-777-143-24	Sequence 24, Appli
99	6	1.9	76	US-08-777-143-24	Sequence 24, Appli
100	6	1.9	76	US-08-777-143-24	Sequence 24, Appli

ALIGNMENTS

```

RESULT 1
US-08-310-912A-190
; Sequence 190, Application US/08310912A
; Patent No. 5981730
; GENERAL INFORMATION:
; APPLICANT: Ausubel, Frederick M.
; APPLICANT: Staskawicz, Brian J.
; APPLICANT: Brent, Andrew F.
; APPLICANT: Dahlbeck, Douglas
; APPLICANT: Katagiri, Fumiaki
; APPLICANT: Kunkel, Barbara N.
; APPLICANT: Mindinos, Michael N.
; APPLICANT: Yu, Guo-Liang
; TITLE OF INVENTION: RPS2 GENE FAMILY, PRIMERS, PROBES, AND DETECTION
; NUMBER OF SEQUENCES: 208
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson P.C.
; STREET: 225 Franklin Street
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02110-2904
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30B
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/310,912A
; FILING DATE: September 22, 1994
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/227,360
; FILING DATE: April 13, 1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Lech, Karen F.
; REGISTRATION NUMBER: 35,238
; REFERENCE/DOCKET NUMBER: 00786/254001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 542-5070
; TELEFAX: (617) 542-8906
; TELEX: 100254
; INFORMATION FOR SEQ ID NO: 190:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-08-310-912A-190

Query Match      2.3%; Score 7; DB 2; Length 14;
Best Local Similarity 100.0%; Pred. No. 8.6;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      256 LALITLG 262
DB      5 LALITLG 11

```

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; APPLICANT: Dahlbeck, Douglas
; APPLICANT: Katagiri, Fumiaki
; APPLICANT: Kunkel, Barbara N.
; APPLICANT: Mindinos, Michael N.
; APPLICANT: Yu, Guo-Liang
; TITLE OF INVENTION: RPS2 GENE FAMILY, PRIMERS, PROBES, AND
; FILE REFERENCE: 00786/254002
; CURRENT APPLICATION NUMBER: US/09/301,085
; CURRENT FILING DATE: 1999-04-28
; EARLIER APPLICATION NUMBER: 08/310,912
; EARLIER FILING DATE: 1994-09-22
; EARLIER APPLICATION NUMBER: 08/227,360
; EARLIER FILING DATE: 1994-04-13
; NUMBER OF SEQ ID NOS: 208
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 190
; LENGTH: 14
; TYPE: PRT
; ORGANISM: Arabidopsis thaliana
; US-09-301-085-190

Query Match      2.3%; Score 7; DB 3; Length 14;
Best Local Similarity 100.0%; Pred. No. 8.6;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      256 LALITLG 262
DB      5 LALITLG 11

RESULT 3
PCT-US95-04589-190
; Sequence 190, Application PC/TUS9504589
; GENERAL INFORMATION:
; APPLICANT: Ausubel, Frederick M.
; APPLICANT: Staskawicz, Brian J.
; APPLICANT: Brent, Andrew F.
; APPLICANT: Dahlbeck, Douglas
; APPLICANT: Katagiri, Fumiaki
; APPLICANT: Kunkel, Barbara N.
; APPLICANT: Mindinos, Michael N.
; APPLICANT: Yu, Guo-Liang
; TITLE OF INVENTION: RPS2 GENE AND USRS THEREOF
; NUMBER OF SEQUENCES: 201
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson
; STREET: 225 Franklin Street Suite 3100
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02110-2904
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30B
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/04589
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/227,360
; FILING DATE: 13-APR-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Clark, Paul T.
; REGISTRATION NUMBER: 30,162
; REFERENCE/DOCKET NUMBER: 00786/230001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 542-5070
; TELEFAX: (617) 542-8906
; TELEX: 100254
; INFORMATION FOR SEQ ID NO: 190:

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SEQUENCE CHARACTERISTICS:
LENGTH: 14 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
PCT-US95-04589-190

Query Match 2.3%; Score 7; DB 5; Length 14;
Best Local Similarity 100.0%; Pred. No. 8.6;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 256 LALITLG 262
DB 5 LALITLG 11

RESULT 4
US-09-330-330-9
Sequence 9, Application US/09330330
Patent No. 6274789
GENERAL INFORMATION:

APPLICANT: Yano, Masahiro
APPLICANT: Iwamoto, Masao
APPLICANT: Katayose, Yuichi
APPLICANT: Sasaki, Takuji
APPLICANT: Wang, Zi-Xuan
APPLICANT: Yamanouchi, Utako
APPLICANT: Iehimaru, Lisa
TITLE OF INVENTION: RICE GENE RESISTANT TO BLAST DISEASE
NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson P.C.
STREET: 225 Franklin Street
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02110-2804
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FASTSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/330,330
FILING DATE: 11-JUN-1998
PRIOR APPLICATION DATA:
APPLICATION NUMBER: JP 10-181455
FILING DATE: 12-JUN-1998
ATTORNEY/AGENT INFORMATION:
NAME: Fraser, Ph.D., J.D., Janis K.
REGISTRATION NUMBER: 34,819
REFERENCE/DOCKET NUMBER: 06501/032001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617/542-5070
TELEFAX: 617/542-8906
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 52 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-09-330-330-9

Query Match 2.3%; Score 7; DB 3; Length 52;
Best Local Similarity 100.0%; Pred. No. 29;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 256 LALITLG 262
DB 37 LALITLG 43

RESULT 5

US-09-134-001C-5228
Sequence 5228, Application US/09134001C
Patent No. 6380370
GENERAL INFORMATION:

APPLICANT: Lynn Doucette-Stamm et al
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO STAPHYLOCOCCUS
TITLE OF INVENTION: EPIDERMIDIS FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: GTC-007
CURRENT APPLICATION NUMBER: US/09/134,001C
CURRENT FILING DATE: 1998-08-13
PRIOR APPLICATION NUMBER: US 60/064,964
PRIOR FILING DATE: 1997-11-08
PRIOR APPLICATION NUMBER: US 60/055,779
PRIOR FILING DATE: 1997-08-14
NUMBER OF SEQ ID NOS: 5674
SEQ ID NO 5228
LENGTH: 119
TYPE: PRT
ORGANISM: Staphylococcus epidermidis
US-09-134-001C-5228

Query Match 2.3%; Score 7; DB 4; Length 119;
Best Local Similarity 100.0%; Pred. No. 61;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 251 VLAIVLA 257
DB 48 VLAIVLA 54

RESULT 6
US-09-328-352-6750
Sequence 6750, Application US/09328352
Patent No. 6562958
GENERAL INFORMATION:
APPLICANT: Gary L. Breton et al.
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO ACINETOBACTER
TITLE OF INVENTION: BAUMANNII FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: GTC99-03PA
CURRENT APPLICATION NUMBER: US/09/328,352
CURRENT FILING DATE: 1999-06-04
NUMBER OF SEQ ID NOS: 8252
SEQ ID NO 6750
LENGTH: 215
TYPE: PRT
ORGANISM: Acinetobacter baumannii
US-09-328-352-6750

Query Match 2.3%; Score 7; DB 4; Length 215;
Best Local Similarity 100.0%; Pred. No. 1e+02;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 243 GGIIGGV 249
DB 100 GGIIGGV 106

RESULT 7
US-09-252-991A-32267
Sequence 32267, Application US/09252991A
Patent No. 6551795
GENERAL INFORMATION:
APPLICANT: Marc J. Rubenfield et al.
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: 107196.136
CURRENT APPLICATION NUMBER: US/09/252,991A
CURRENT FILING DATE: 1999-02-18
PRIOR APPLICATION NUMBER: US 60/074,788
PRIOR FILING DATE: 1998-02-18
PRIOR APPLICATION NUMBER: US 60/094,190
PRIOR FILING DATE: 1998-07-27
NUMBER OF SEQ ID NOS: 33142

SEQ ID NO 32267
LENGTH: 223
TYPE: PRT
ORGANISM: Pseudomonas aeruginosa
US-09-252-991A-32267

Query Match 2.3%; Score 7; DB 4; Length 223;
Best Local Similarity 100.0%; Pred. No. 1.1e+02;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4 RRPRLR 10
DB 5 RRPRLR 11

RESULT 8
US-09-252-991A-24969
Sequence 24969, Application US/09252991A
Patent No. 6551795
GENERAL INFORMATION:

APPLICANT: Marc J. Rubenfield et al.
TITLE OF INVENTION: NUCLEIC ACID SEQUENCES RELATING TO PSEUDOMONAS
FILE REFERENCE: 107196.136
CURRENT FILING DATE: 1999-02-18
PRIOR APPLICATION NUMBER: US 60/074,788
PRIOR FILING DATE: 1998-02-18
PRIOR APPLICATION NUMBER: US 60/094,190
PRIOR FILING DATE: 1998-07-27
NUMBER OF SEQ ID NOS: 33142
SEQ ID NO 24969
LENGTH: 224
TYPE: PRT
ORGANISM: Pseudomonas aeruginosa
US-09-252-991A-24969

Query Match 2.3%; Score 7; DB 4; Length 224;
Best Local Similarity 100.0%; Pred. No. 1.1e+02;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4 RRPRLR 10
DB 44 RRPRLR 50

RESULT 9
US-09-252-991A-17237
Sequence 17237, Application US/09252991A
Patent No. 6551795
GENERAL INFORMATION:
APPLICANT: Marc J. Rubenfield et al.
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
FILE REFERENCE: 107196.136
CURRENT FILING DATE: 1999-02-18
PRIOR APPLICATION NUMBER: US 60/074,788
PRIOR FILING DATE: 1998-02-18
PRIOR APPLICATION NUMBER: US 60/094,190
PRIOR FILING DATE: 1998-07-27
NUMBER OF SEQ ID NOS: 33142
SEQ ID NO 17237
LENGTH: 240
TYPE: PRT
ORGANISM: Pseudomonas aeruginosa
US-09-252-991A-17237

Query Match 2.3%; Score 7; DB 4; Length 240;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4 RRPRLR 10

DB 191 RRPRLR 197

RESULT 10
US-08-484-272-2
Sequence 2, Application US/08484272
Patent No. 5661004
GENERAL INFORMATION:
APPLICANT: BROWNING, Jeffrey
TITLE OF INVENTION: LYMPHOTOXIN-BETA, LYMPHOTOXIN-BETA
TITLE OF INVENTION: COMPLEXES, PHARMACEUTICAL PREPARATIONS AND THERAPEUTIC
NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESS:
ADDRESSEE: C/O FISH & NEAVE
STREET: 1251 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10020
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/484,272
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/222,614
FILING DATE:
APPLICATION NUMBER: PCT/US91/04588
FILING DATE: 27-JUN-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/544,862
FILING DATE: 27-JUN-1990
ATTORNEY/AGENT INFORMATION:
NAME: HALEY Jr., James F.
REGISTRATION NUMBER: 27,794
REFERENCE/DOCKET NUMBER: B129CIP11
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 596-9000
TELEFAX: (212) 596-9090
TELEX: 14-8367
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 241 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-484-272-2

Query Match 2.3%; Score 7; DB 1; Length 241;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 252 VIAVAL 258
DB 37 VIAVAL 43

RESULT 11
US-08-476-489-2
Sequence 2, Application US/08476489
Patent No. 5670149
GENERAL INFORMATION:
APPLICANT: BROWNING, Jeffrey
TITLE OF INVENTION: LYMPHOTOXIN-BETA, LYMPHOTOXIN-BETA
TITLE OF INVENTION: COMPLEXES, PHARMACEUTICAL PREPARATIONS AND THERAPEUTIC

TITLE OF INVENTION: USES THEREOF
NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESS:
ADDRESSEE: c/o FISH & NEAVE
STREET: 1251 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10020
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/476,489
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US91/04588
FILING DATE: 27-JUN-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/544,862
FILING DATE: 27-JUN-1990
ATTORNEY/AGENT INFORMATION:
NAME: HALEY Jr., James F.
REGISTRATION NUMBER: 27,794
REFERENCE/DOCKET NUMBER: B129CIP11
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 596-9000
TELEFAX: (212) 596-9090
TELEX: 14-8367
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 241 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-476-489-2

Query Match 2.3%; Score 7; DB 1; Length 241;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

CY 252 VLAVLAL 258
DB 37 VLAVLAL 43

RESULT 12
US-08-467-070-2
Sequence 2, Application US/08467070
Patent No. 5698442
GENERAL INFORMATION:
APPLICANT: BROWNING, Jeffrey
APPLICANT: WARE, Carl
TITLE OF INVENTION: LYMPHOTOXIN-BETA, LYMPHOTOXIN-BETA
TITLE OF INVENTION: COMPLEXES, PHARMACEUTICAL PREPARATIONS AND THERAPEUTIC
NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESS:
ADDRESSEE: c/o FISH & NEAVE
STREET: 1251 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10020
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/467,070
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US91/04588
FILING DATE: 27-JUN-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/544,862
FILING DATE: 27-JUN-1990
ATTORNEY/AGENT INFORMATION:
NAME: HALEY Jr., James F.
REGISTRATION NUMBER: 27,794
REFERENCE/DOCKET NUMBER: B129CIP11
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 596-9000
TELEFAX: (212) 596-9090
TELEX: 14-8367
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 241 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-467-070-2

Query Match 2.3%; Score 7; DB 1; Length 241;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

CY 252 VLAVLAL 258
DB 37 VLAVLAL 43

RESULT 13
US-08-467-070A-2
Sequence 2, Application US/08467070A
Patent No. 5795964
GENERAL INFORMATION:
APPLICANT: BROWNING, Jeffrey
APPLICANT: WARE, Carl
TITLE OF INVENTION: LYMPHOTOXIN-BETA, LYMPHOTOXIN-BETA
TITLE OF INVENTION: COMPLEXES, PHARMACEUTICAL PREPARATIONS AND THERAPEUTIC
NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESS:
ADDRESSEE: c/o FISH & NEAVE
STREET: 1251 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10020
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/467,070A
FILING DATE:
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US91/04588
FILING DATE: 27-JUN-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/544,862
FILING DATE: 27-JUN-1990
ATTORNEY/AGENT INFORMATION:
NAME: HALEY Jr., James F.
REGISTRATION NUMBER: 27,794
REFERENCE/DOCKET NUMBER: B129CIP11
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 596-9000

TELEFAX: (212) 596-9090
TELEX: 14-8367
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 241 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-467-070A-2

Query Match 2.3%; Score 7; DB 1; Length 241;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 252 VLAVAL 258
DB 37 VLAVAL 43

RESULT 14
PCT-US93-11669-2
Sequence 2, Application PC/TUS9311669
GENERAL INFORMATION:
APPLICANT: BIOGEN, INC.
APPLICANT: Reagents of the University of,
APPLICANT: California
TITLE OF INVENTION: LYMPHOTOXIN-BETA, LYMPHOTOXIN-BETA
TITLE OF INVENTION: COMPLEXES, PHARMACEUTICAL PREPARATIONS AND THERAPEUTIC
TITLE OF INVENTION: USES THEREOF
NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESS:
ADDRESSEE: c/o FISH & NEAVE
STREET: 1251 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10020
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US93/11669
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/990,304
FILING DATE: 04-DEC-1992
ATTORNEY/AGENT INFORMATION:
NAME: HALEY Jr., James F.
REGISTRATION NUMBER: 27,794
REFERENCE/DOCKET NUMBER: B129C1P2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 596-9000
TELEFAX: (212) 596-9090
TELEX: 14-8367
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 241 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
PCT-US93-11669-2

Query Match 2.3%; Score 7; DB 5; Length 241;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 252 VLAVAL 258
DB 37 VLAVAL 43

RESULT 15
US-08-883-086-9
Sequence 9, Application US/08883086
Patent No. 6171787
GENERAL INFORMATION:
APPLICANT: WILEY, STEVEN
TITLE OF INVENTION: MEMBER OF THE TNF FAMILY USEFUL
TITLE OF INVENTION: FOR TREATMENT AND DIAGNOSIS OF DISEASE
NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESS:
ADDRESSEE: Abbott Laboratories
STREET: 100 Abbott Park Road
CITY: Abbott Park
STATE: IL
COUNTRY: USA
ZIP: 60064-3500
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/883,086
FILING DATE:
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Potembski, Priscilla E.
REGISTRATION NUMBER: 33,207
REFERENCE/DOCKET NUMBER: 6134.US.01
TELECOMMUNICATION INFORMATION:
TELEPHONE: 847-937-0378
TELEFAX: 847-938-2623
TELEX:
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 244 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: No. 6171787e
US-08-883-086-9

Query Match 2.3%; Score 7; DB 3; Length 244;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 252 VLAVAL 258
DB 40 VLAVAL 46

RESULT 16
US-09-589-287B-5
Sequence 5, Application US/09589287B
Patent No. 6403770
GENERAL INFORMATION:
APPLICANT: Yu et al.
TITLE OF INVENTION: Antibodies to Neutrokin-alpha
FILE REFERENCE: PF343P3C1
CURRENT APPLICATION NUMBER: US/09/589,287B
CURRENT FILING DATE: 2000-06-08
Prior application data removed - check PAM or file wrapper
NUMBER OF SEQ ID NOS: 42
SOFTWARE: Patentn Ver. 2.1
SEQ ID NO 5
LENGTH: 244
TYPE: PRT
ORGANISM: Homo sapiens
US-09-589-287B-5

Query Match 2.3%; Score 7; DB 4; Length 244;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 252 VLAVLAL 258
DB 40 VLAVLAL 46

RESULT 17

US-09-588-947A-5
Sequence 5, Application US/09588947A
Patent No. 6562579

GENERAL INFORMATION:

APPLICANT: Yu et al.

TITLE OF INVENTION: Diagnostic Methods Using Antibodies to Neutrokin-alpha
FILE REFERENCE: PF343P3C2

CURRENT APPLICATION NUMBER: US/09/588,947A

PRIOR FILING DATE: 2000-06-08

PRIOR APPLICATION NUMBER: 09/588,947

PRIOR FILING DATE: 2000-06-08

PRIOR APPLICATION NUMBER: 09/507,968

PRIOR FILING DATE: 2000-02-22

PRIOR APPLICATION NUMBER: 60/122,388

PRIOR FILING DATE: 1999-03-02

PRIOR APPLICATION NUMBER: 60/124,097

PRIOR FILING DATE: 1999-03-12

PRIOR APPLICATION NUMBER: 60/126,599

PRIOR FILING DATE: 1999-03-26

PRIOR APPLICATION NUMBER: 60/127,598

PRIOR FILING DATE: 1999-04-02

PRIOR APPLICATION NUMBER: 60/130,412

PRIOR FILING DATE: 1999-04-16

PRIOR APPLICATION NUMBER: 60/130,696

PRIOR FILING DATE: 1999-04-23

PRIOR APPLICATION NUMBER: 60/131,278

PRIOR FILING DATE: 1999-04-27

PRIOR APPLICATION NUMBER: 60/131,673

PRIOR FILING DATE: 1999-04-29

PRIOR APPLICATION NUMBER: 60/136,784

PRIOR FILING DATE: 1999-05-28

PRIOR APPLICATION NUMBER: 60/142,659

PRIOR FILING DATE: 1999-07-06

PRIOR APPLICATION NUMBER: 60/145,824

PRIOR FILING DATE: 1999-07-27

PRIOR APPLICATION NUMBER: 60/167,239

PRIOR FILING DATE: 1999-11-24

PRIOR APPLICATION NUMBER: 60/168,624

PRIOR FILING DATE: 1999-12-03

PRIOR APPLICATION NUMBER: 60/171,108

PRIOR FILING DATE: 1999-12-16

PRIOR APPLICATION NUMBER: 60/171,626

PRIOR FILING DATE: 1999-12-23

PRIOR APPLICATION NUMBER: 60/176,015

PRIOR FILING DATE: 2000-01-14

PRIOR APPLICATION NUMBER: 09/255,794

PRIOR FILING DATE: 1999-02-23

PRIOR APPLICATION NUMBER: 09/005,874

PRIOR FILING DATE: 1998-01-12

PRIOR APPLICATION NUMBER: 60/036,100

PRIOR FILING DATE: 1997-01-14

PRIOR APPLICATION NUMBER: PCT/US96/17957

PRIOR FILING DATE: 1996-10-25

NUMBER OF SEQ ID NOS: 42

SOFTWARE: PatentIn Ver. 2.1

SEO ID NO 5

LENGTH: 244

TYPE: PRT

ORGANISM: Homo sapiens

US-09-588-947A-5

Query Match 2.3%; Score 7; DB 4; Length 244;

Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 252 VLAVLAL 258
DB 40 VLAVLAL 46

RESULT 18

US-09-154-802-1
Sequence 1, Application US/09154802
Patent No. 5989822

GENERAL INFORMATION:

APPLICANT: Y. Tom Tang

APPLICANT: Corley, Neil C.

APPLICANT: Guegler, Karl J.

APPLICANT: Baughn, Mariah R.

TITLE OF INVENTION: ATP SYNTHASE SUBUNIT HOMOLOG

FILE REFERENCE: PF-0596 US

CURRENT APPLICATION NUMBER: US/09/154,802

PRIOR FILING DATE: 1998-03-17

NUMBER OF SEQ ID NOS: 3

SOFTWARE: PERL Program

SEQ ID NO 1

LENGTH: 249

TYPE: PRT

ORGANISM: Homo sapiens

FEATURE: -

OTHER INFORMATION: 1887516

US-09-154-802-1

Query Match 2.3%; Score 7; DB 2; Length 249;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 18 FFLLLLF 24
DB 43 FFLLLLF 49

RESULT 19

US-09-373-029-1
Sequence 1, Application US/09373029
Patent No. 6036954

GENERAL INFORMATION:

APPLICANT: Y. Tom Tang

APPLICANT: Corley, Neil C.

APPLICANT: Guegler, Karl J.

APPLICANT: Baughn, Mariah R.

TITLE OF INVENTION: ATP SYNTHASE SUBUNIT HOMOLOG

FILE REFERENCE: PF-0596 US

CURRENT APPLICATION NUMBER: US/09/373,029

PRIOR FILING DATE: 1999-08-11

EARLIER APPLICATION NUMBER: 09/154,802

PRIOR FILING DATE: 1998-09-17

NUMBER OF SEQ ID NOS: 3

SOFTWARE: PERL Program

SEQ ID NO 1

LENGTH: 249

TYPE: PRT

ORGANISM: Homo sapiens

FEATURE: -

OTHER INFORMATION: 1887516

US-09-373-029-1

Query Match 2.3%; Score 7; DB 3; Length 249;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 18 FFLLLLF 24
DB 43 FFLLLLF 49

RESULT 20
US-09-252-991A-31408
; Sequence 31408, Application US/09252991A
; Patent No. 6551795
; GENERAL INFORMATION:
; APPLICANT: Marc J. Rubenfield et al.
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
; FILE REFERENCE: 107196.136
; CURRENT APPLICATION NUMBER: US/09/252,991A
; CURRENT FILING DATE: 1999-02-18
; PRIOR FILING DATE: 1998-02-18
; PRIOR APPLICATION NUMBER: US 60/094,190
; PRIOR FILING DATE: 1998-07-27
; NUMBER OF SEQ ID NOS: 33142
; SEQ ID NO 31408
; LENGTH: 325
; TYPE: PRT
; ORGANISM: Pseudomonas aeruginosa
US-09-252-991A-31408

Query Match 2.3%; Score 7; DB 4; Length 325;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4 RRPRLR 10
DB 152 RRPRLR 158

RESULT 21
US-08-148-215A-4
; Sequence 4, Application US/08148215A
; Patent No. 5591602
; GENERAL INFORMATION:
; APPLICANT: O'Dowd, Brian F.
; TITLE OF INVENTION: Opioid Receptor: Compositions and Methods
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Arnold, White & Durkee
; STREET: 321 No. 5591602th Clark Street, Suite 800
; CITY: Chicago
; STATE: IL
; COUNTRY: USA
; ZIP: 60610
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/148,215A
; FILING DATE: 05-NOV-1993
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: No. 5591602thrup, Thomas E.
; REGISTRATION NUMBER: 33,268
; REFERENCE/DOCKET NUMBER: OPIA003
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 312-744-0090
; TELEFAX: 312-755-4489
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 333 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-148-215A-4

Query Match 2.3%; Score 7; DB 1; Length 333;
Best Local Similarity 100.0%; Pred. No. 1.6e+02;

Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 249 VLVVLAV 255
DB 262 VLVVLAV 268

RESULT 22
US-09-170-496D-16
; Sequence 16, Application US/09170496D
; Patent No. 6555339
; GENERAL INFORMATION:
; APPLICANT: Behan, Dominic P.
; APPLICANT: Chalmers, Derek T.
; APPLICANT: Liaw, Chen W.
; TITLE OF INVENTION: No. 6555339-Endogenous, Constitutively Activated Human G Protein-
; FILE REFERENCE: AREN-0040
; CURRENT APPLICATION NUMBER: US/09/170,496D
; CURRENT FILING DATE: 1998-10-13
; NUMBER OF SEQ ID NOS: 294
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 16
; LENGTH: 333
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-170-496D-16

Query Match 2.3%; Score 7; DB 4; Length 333;
Best Local Similarity 100.0%; Pred. No. 1.6e+02;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 249 VLVVLAV 255
DB 262 VLVVLAV 268

RESULT 23
US-09-170-496D-172
; Sequence 172, Application US/09170496D
; Patent No. 6555339
; GENERAL INFORMATION:
; APPLICANT: Behan, Dominic P.
; APPLICANT: Chalmers, Derek T.
; APPLICANT: Liaw, Chen W.
; TITLE OF INVENTION: No. 6555339-Endogenous, Constitutively Activated Human G Protein-
; FILE REFERENCE: AREN-0040
; CURRENT APPLICATION NUMBER: US/09/170,496D
; CURRENT FILING DATE: 1998-10-13
; NUMBER OF SEQ ID NOS: 294
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 172
; LENGTH: 333
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-170-496D-172

Query Match 2.3%; Score 7; DB 4; Length 333;
Best Local Similarity 100.0%; Pred. No. 1.6e+02;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 249 VLVVLAV 255
DB 262 VLVVLAV 268

RESULT 24
US-09-240-639-11
; Sequence 11, Application US/09240639
; Patent No. 6350447
; GENERAL INFORMATION:
; APPLICANT: Chadwick, Brian Paul

APPLICANT: Frischauf, Anna-Maria
TITLE OF INVENTION: METHODS AND COMPOSITIONS RELATING TO CD39-LIKE
FILE REFERENCE: 9598-066
CURRENT APPLICATION NUMBER: US/09/240,639
CURRENT FILING DATE: 1998-01-29
NUMBER OF SEQ ID NOS: 29
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 11
LENGTH: 454
TYPE: PRT
ORGANISM: Solanum tuberosum
US-09-240-639-11

Query Match 2.3%; Score 7; DB 4; Length 454;
Best Local Similarity 100.0%; Pred. No. 2.1e+02;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 88 LAGRAEI 94
Db 250 LAGRAEI 256

RESULT 25
US-09-252-991A-28162
Sequence 28162, Application US/09252991A
Patent No. 6551795
GENERAL INFORMATION:
APPLICANT: Marc J. Rubenfield et al.
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
FILE REFERENCE: 107196.136
CURRENT APPLICATION NUMBER: US/09/252,991A
CURRENT FILING DATE: 1999-02-18
PRIOR APPLICATION NUMBER: US 60/074,788
PRIOR FILING DATE: 1998-02-18
PRIOR APPLICATION NUMBER: US 60/094,190
PRIOR FILING DATE: 1998-07-27
NUMBER OF SEQ ID NOS: 33142
SEQ ID NO 28162
LENGTH: 494
TYPE: PRT
ORGANISM: Pseudomonas aeruginosa
US-09-252-991A-28162

Query Match 2.3%; Score 7; DB 4; Length 494;
Best Local Similarity 100.0%; Pred. No. 2.2e+02;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 250 LVLAVAL 256
Db 240 LVLAVAL 246

RESULT 26
US-09-215-694-8
Sequence 8, Application US/09215694B
Patent No. 6391583
GENERAL INFORMATION:
APPLICANT: Wisconsin Alumni Research Foundation
APPLICANT: Hutchinson, Charles R.
APPLICANT: Kennedy, Jonathan n.m.i
APPLICANT: Park, Cheonsek n.m.i
TITLE OF INVENTION: METHOD OF PRODUCING ANTIHYPERCHOLESTEROLEMIC AGENTS
FILE REFERENCE: 960296.95718
CURRENT APPLICATION NUMBER: US/09/215,694B
CURRENT FILING DATE: 1999-12-18
NUMBER OF SEQ ID NOS: 36
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 8
LENGTH: 503
TYPE: PRT
ORGANISM: Aspergillus terreus

US-09-215-694-8

Query Match 2.3%; Score 7; DB 4; Length 503;
Best Local Similarity 100.0%; Pred. No. 2.3e+02;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 227 SARCEEQ 233
Db 435 SARCEEQ 441

RESULT 27
US-09-252-991A-19322
Sequence 19322, Application US/09252991A
Patent No. 6551795
GENERAL INFORMATION:
APPLICANT: Marc J. Rubenfield et al.
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
FILE REFERENCE: 107196.136
CURRENT APPLICATION NUMBER: US/09/252,991A
CURRENT FILING DATE: 1999-02-18
PRIOR APPLICATION NUMBER: US 60/074,788
PRIOR FILING DATE: 1998-02-18
PRIOR APPLICATION NUMBER: US 60/094,190
PRIOR FILING DATE: 1998-07-27
NUMBER OF SEQ ID NOS: 33142
SEQ ID NO 19322
LENGTH: 517
TYPE: PRT
ORGANISM: Pseudomonas aeruginosa
US-09-252-991A-19322

Query Match 2.3%; Score 7; DB 4; Length 517;
Best Local Similarity 100.0%; Pred. No. 2.3e+02;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 252 VLAVAL 258
Db 253 VLAVAL 259

RESULT 28
US-08-928-692-12
Sequence 12, Application US/08928692
Patent No. 5958727
GENERAL INFORMATION:
APPLICANT: Brody, Howard
APPLICANT: Yaver, Deborah S.
APPLICANT: Lamsa, Michael
APPLICANT: Hansen, Kim
TITLE OF INVENTION: Methods for Modifying the Production of
NUMBER OF SEQUENCES: 80
CORRESPONDENCE ADDRESS:
ADDRESSER: No. 59587270 No. 5958727disk of No. 5958727th America, Inc.
STREET: 405 Lexington Avenue
CITY: New York
STATE: NY
COUNTRY: USA
ZIP: 10174
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/928,692
FILING DATE: 12-SEPT-1997
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Lambiris, Elias J
REGISTRATION NUMBER: 33,728

REFERENCE/DOCKET NUMBER: 4944.200-US
TELEPHONE: 212-867-0123
TELEFAX: 212-878-9655
INFORMATION FOR SEQ ID NO: 12:
SEQUENCE CHARACTERISTICS:
LENGTH: 524 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: No. 5958727e
US-08-928-692-12

Query Match 2.3%; Score 7; DB 2; Length 524;
Best Local Similarity 100.0%; Pred. No. 2.4e+02;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 201 TGTIVFT 207
Db 7 TGTIVFT 13

RESULT 29
US-09-339-972-12
Sequence 12, Application US/09339972
Patent No. 6323002
GENERAL INFORMATION:
APPLICANT: Brody, Howard
APPLICANT: Laver, Deborah S.
APPLICANT: Lamsa, Michael
APPLICANT: Hansen, Kim
TITLE OF INVENTION: Methods for Modifying the Production of
TITLE OF INVENTION: a Polypeptide
NUMBER OF SEQUENCES: 80
CORRESPONDENCE ADDRESS:
ADDRESSEE: No. 6323002disk of No. 6323002ch America, Inc.
STREET: 405 Lexington Avenue
CITY: New York
STATE: NY
COUNTRY: USA
ZIP: 10174
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FASTSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/339,972
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/928,692
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Lambiris, Elias J
REGISTRATION NUMBER: 33,728
REFERENCE/DOCKET NUMBER: 4944.200-US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-867-0123
TELEFAX: 212-878-9655
INFORMATION FOR SEQ ID NO: 12:
SEQUENCE CHARACTERISTICS:
LENGTH: 524 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: No. 6323002e
US-09-339-972-12

Query Match 2.3%; Score 7; DB 4; Length 524;
Best Local Similarity 100.0%; Pred. No. 2.4e+02;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 201 TGTIVFT 207
Db 7 TGTIVFT 13

RESULT 30
US-09-252-991A-18576
Sequence 18576, Application US/09252991A
Patent No. 6551795
GENERAL INFORMATION:
APPLICANT: Marc J. Rubenfield et al.
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: 107196.136
CURRENT APPLICATION NUMBER: US/09/252,991A
CURRENT FILING DATE: 1999-02-18
PRIOR APPLICATION NUMBER: US 60/074,788
PRIOR FILING DATE: 1998-02-18
PRIOR APPLICATION NUMBER: US 60/094,190
PRIOR FILING DATE: 1998-07-27
NUMBER OF SEQ ID NOS: 33142
SEQ ID NO 18576
LENGTH: 547
TYPE: PRT
ORGANISM: Pseudomonas aeruginosa
US-09-252-991A-18576

Query Match 2.3%; Score 7; DB 4; Length 547;
Best Local Similarity 100.0%; Pred. No. 2.5e+02;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 20 LLLFRG 26
Db 179 LLLFRG 185

RESULT 31
US-09-252-991A-18110
Sequence 18110, Application US/09252991A
Patent No. 6551795
GENERAL INFORMATION:
APPLICANT: Marc J. Rubenfield et al.
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: 107196.136
CURRENT APPLICATION NUMBER: US/09/252,991A
CURRENT FILING DATE: 1999-02-18
PRIOR APPLICATION NUMBER: US 60/074,788
PRIOR FILING DATE: 1998-02-18
PRIOR APPLICATION NUMBER: US 60/094,190
PRIOR FILING DATE: 1998-07-27
NUMBER OF SEQ ID NOS: 33142
SEQ ID NO 18110
LENGTH: 556
TYPE: PRT
ORGANISM: Pseudomonas aeruginosa
US-09-252-991A-18110

Query Match 2.3%; Score 7; DB 4; Length 556;
Best Local Similarity 100.0%; Pred. No. 2.5e+02;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4 RRPRLR 10
Db 451 RRPRLR 457

RESULT 32
US-09-252-991A-25264
Sequence 25264, Application US/09252991A
Patent No. 6551795
GENERAL INFORMATION:
APPLICANT: Marc J. Rubenfield et al.

TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: 107196.136
CURRENT APPLICATION NUMBER: US/09/252,991A
PRIOR FILING DATE: 1999-02-18
PRIOR APPLICATION NUMBER: US 60/074,788
PRIOR FILING DATE: 1998-02-18
PRIOR APPLICATION NUMBER: US 60/094,190
PRIOR FILING DATE: 1998-07-27
NUMBER OF SEQ ID NOS: 33142
SEQ ID NO 25264
LENGTH: 603
TYPE: PRT
ORGANISM: Pseudomonas aeruginosa
US-09-252-991A-25264

Query Match 2.3%; Score 7; DB 4; Length 603;
Best Local Similarity 100.0%; Pred. No. 2.7e+02;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

CY 2 ALRRPR 8
DB 206 ALRRPR 212

RESULT 33
US-09-252-991A-19749
Sequence 19749, Application US/09252991A
Patent No. 6551795
GENERAL INFORMATION:
APPLICANT: Marc J. Rubenfield et al.
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
FILE REFERENCE: 107196.136
CURRENT APPLICATION NUMBER: US/09/252,991A
CURRENT FILING DATE: 1999-02-18
PRIOR APPLICATION NUMBER: US 60/074,788
PRIOR FILING DATE: 1998-02-18
PRIOR APPLICATION NUMBER: US 60/094,190
PRIOR FILING DATE: 1998-07-27
NUMBER OF SEQ ID NOS: 33142
SEQ ID NO 19749
LENGTH: 621
TYPE: PRT
ORGANISM: Pseudomonas aeruginosa
US-09-252-991A-19749

Query Match 2.3%; Score 7; DB 4; Length 621;
Best Local Similarity 100.0%; Pred. No. 2.8e+02;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

CY 146 VPKAVPV 152
DB 384 VPKAVPV 390

RESULT 34
US-08-706-936-2
Sequence 2, Application US/08706936
Patent No. 5792851
GENERAL INFORMATION:
APPLICANT: VICTOR L. SCHUSTER AND RUN LU
TITLE OF INVENTION: HUMAN PROSTAGLANDIN TRANSPORTER
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
ADDRESSEE: AMSTER, ROTHSTEIN & EBENSTEIN
STREET: 90 PARK AVENUE
CITY: NEW YORK
STATE: NEW YORK
COUNTRY: U.S.A.
ZIP: 10016
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 INCH 1.44 MB STORAGE DISKETTE

COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: MS-DOS
SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/706,936
FILING DATE: SEPTEMBER 3, 1996
ATTORNEY/AGENT INFORMATION:
NAME: CRAIG J. ARNOLD
REGISTRATION NUMBER: 34,287
REFERENCE/DOCKET NUMBER: 96700/406
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 697-5995
TELEFAX: (212) 286-0854 or 286-0082
TELEX: TWX 710-581-4766
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 642
TYPE: AMINO ACID
TOPOLOGY: UNKNOWN
MOLECULE TYPE:
DESCRIPTION: PROTEIN
HYPOTHETICAL: YES
ORIGINAL SOURCE:
ORGANISM: HUMAN
INDIVIDUAL ISOLATE: PROSTAGLANDIN TRANSPORTER
US-08-706-936-2

Query Match 2.3%; Score 7; DB 1; Length 642;
Best Local Similarity 100.0%; Pred. No. 2.9e+02;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

CY 28 LIGAVNL 34
DB 366 LIGAVNL 372

RESULT 35
US-08-706-936-3
Sequence 3, Application US/08706936
Patent No. 5792851
GENERAL INFORMATION:
APPLICANT: VICTOR L. SCHUSTER AND RUN LU
TITLE OF INVENTION: HUMAN PROSTAGLANDIN TRANSPORTER
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
ADDRESSEE: AMSTER, ROTHSTEIN & EBENSTEIN
STREET: 90 PARK AVENUE
CITY: NEW YORK
STATE: NEW YORK
COUNTRY: U.S.A.
ZIP: 10016
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 INCH 1.44 MB STORAGE DISKETTE
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: MS-DOS
SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/706,936
FILING DATE: SEPTEMBER 3, 1996
ATTORNEY/AGENT INFORMATION:
NAME: CRAIG J. ARNOLD
REGISTRATION NUMBER: 34,287
REFERENCE/DOCKET NUMBER: 96700/406
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 697-5995
TELEFAX: (212) 286-0854 or 286-0082
TELEX: TWX 710-581-4766
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 642
TYPE: AMINO ACID
TOPOLOGY: UNKNOWN
MOLECULE TYPE:

DESCRIPTION: PROTEIN
HYPOTHETICAL: YES
ORIGINAL SOURCE:
ORGANISM: RAT
INDIVIDUAL ISOLATE: PROSTAGLANDIN TRANSPORTER
US-08-706-936-3

Query Match 2.3%; Score 7; DB 1; Length 642;
Best Local Similarity 100.0%; Pred. No. 2.9e+02;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 28 LIGAVNL 34
|||||
DB 365 LIGAVNL 371

RESULT 36
US-08-616-844-39
Sequence 39, Application US/08616844
Patent No. 5849578

GENERAL INFORMATION:
APPLICANT: FALB, DEAN A.
TITLE OF INVENTION: COMPOSITION AND METHODS FOR THE
TREATMENT AND DIAGNOSIS OF CARDIOVASCULAR DISEASE
NUMBER OF SEQUENCES: 54
CORRESPONDENCE ADDRESS:
ADDRESSEE: PENNIE & EDMONDS
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: USA
ZIP: 10036-2711

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/616,844
FILING DATE: 15-MAR-1996

CLASSIFICATION: 800
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/599,654
FILING DATE: 09-FEB-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/485,573
FILING DATE: 07-JUN-1995

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/386,844
FILING DATE: 10-FEB-1995
ATTORNEY/AGENT INFORMATION:
NAME: CORUZZI, LAURA A.
REGISTRATION NUMBER: 30,742
REFERENCE/DOCKET NUMBER: 7853-053
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 790-9090
TELEFAX: (212) 869-8864
TELEX: 66141 PENNIE

INFORMATION FOR SEQ ID NO: 39:
SEQUENCE CHARACTERISTICS:
LENGTH: 643 amino acids
TYPE: amino acid
STRANDEDNESS:
TOPOLOGY: unknown
MOLECULE TYPE: protein
US-08-616-844-39

Query Match 2.3%; Score 7; DB 2; Length 643;
Best Local Similarity 100.0%; Pred. No. 2.9e+02;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 28 LIGAVNL 34
|||||

DB 367 LIGAVNL 373

RESULT 37
US-08-599-654-39
Sequence 39, Application US/08599654
Patent No. 5882925

GENERAL INFORMATION:
APPLICANT: FALB, DEAN A.
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE
TREATMENT AND DIAGNOSIS OF CARDIOVASCULAR DISEASE
NUMBER OF SEQUENCES: 54
CORRESPONDENCE ADDRESS:
ADDRESSEE: PENNIE & EDMONDS
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: USA
ZIP: 10036-2711

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/599,654
FILING DATE: 09-FEB-1996
CLASSIFICATION: 800
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/485,573
FILING DATE: 07-JUN-1995
APPLICATION NUMBER: US 08/386,844
FILING DATE: 10-FEB-1995

ATTORNEY/AGENT INFORMATION:
NAME: CORUZZI, LAURA A.
REGISTRATION NUMBER: 30,742
REFERENCE/DOCKET NUMBER: 7853-041
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 790-9090
TELEFAX: (212) 869-8864
TELEX: 66141 PENNIE

INFORMATION FOR SEQ ID NO: 39:
SEQUENCE CHARACTERISTICS:
LENGTH: 643 amino acids
TYPE: amino acid
STRANDEDNESS:
TOPOLOGY: unknown
MOLECULE TYPE: protein
US-08-599-654-39

Query Match 2.3%; Score 7; DB 2; Length 643;
Best Local Similarity 100.0%; Pred. No. 2.9e+02;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 28 LIGAVNL 34
|||||
DB 367 LIGAVNL 373

RESULT 38
US-08-944-868A-39
Sequence 39, Application US/08944868A
Patent No. 6018025

GENERAL INFORMATION:
APPLICANT: FALB, DEAN A.
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE
TREATMENT AND DIAGNOSIS OF CARDIOVASCULAR DISEASE
NUMBER OF SEQUENCES: 54
CORRESPONDENCE ADDRESS:
ADDRESSEE: PENNIE & EDMONDS
STREET: 1155 Avenue of the Americas
CITY: New York

STATE: New York
COUNTRY: USA
ZIP: 10036-2711
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/944,868A
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/599,654
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/386,844
FILING DATE: 10-FEB-1995
ATTORNEY/AGENT INFORMATION:
NAME: CORUZZI, LAURA A
REGISTRATION NUMBER: 30,742
REFERENCE/DOCKET NUMBER: 7853-041
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 790-9090
TELEFAX: (212) 869-8864
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 39:
SEQUENCE CHARACTERISTICS:
LENGTH: 643 amino acids
TYPE: amino acid
STRANDEDNESS:
TOPOLOGY: unknown
MOLECULE TYPE: protein
US-08-944-868A-39

Query Match 2.3%; Score 7; DB 3; Length 643;
Best Local Similarity 100.0%; Pred. No. 2.9e+02;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 28 LIGAVNL 34
Db 367 LIGAVNL 373

RESULT 39
US-08-944-423A-39
Sequence 39, Application US/08944423A
Patent No. 6020463
GENERAL INFORMATION:
APPLICANT: FALB, DEAN A
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE
TREATMENT AND DIAGNOSIS OF CARDIOVASCULAR DISEASE
NUMBER OF SEQUENCES: 54
CORRESPONDENCE ADDRESS:
ADDRESSEE: PENNIE & EDMONDS
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: USA
ZIP: 10036-2711
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/944,423A
FILING DATE: 06-OCT-1997
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/599,654
FILING DATE: 09-FEB-1996
PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/485,573
FILING DATE: JUN-07-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/386,844
FILING DATE: 10-FEB-1995
ATTORNEY/AGENT INFORMATION:
NAME: CORUZZI, LAURA A
REGISTRATION NUMBER: 30,742
REFERENCE/DOCKET NUMBER: 7853-105
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 790-9090
TELEFAX: (212) 869-8864
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 39:
SEQUENCE CHARACTERISTICS:
LENGTH: 643 amino acids
TYPE: amino acid
STRANDEDNESS:
TOPOLOGY: unknown
MOLECULE TYPE: protein
US-08-944-423A-39

Query Match 2.3%; Score 7; DB 3; Length 643;
Best Local Similarity 100.0%; Pred. No. 2.9e+02;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 28 LIGAVNL 34
Db 367 LIGAVNL 373

RESULT 40
US-08-944-496-39
Sequence 39, Application US/08944496
Patent No. 6124433
GENERAL INFORMATION:
APPLICANT: FALB, DEAN A
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE
TREATMENT AND DIAGNOSIS OF CARDIOVASCULAR DISEASE
NUMBER OF SEQUENCES: 54
CORRESPONDENCE ADDRESS:
ADDRESSEE: PENNIE & EDMONDS LLP
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: USA
ZIP: 10036-2711
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/944,496
FILING DATE: 06-OCT-1997
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/599,654
FILING DATE: 09-FEB-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/485,573
FILING DATE: 07-JUN-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/386,844
FILING DATE: 10-FEB-1995
ATTORNEY/AGENT INFORMATION:
NAME: CORUZZI, LAURA A
REGISTRATION NUMBER: 30,742
REFERENCE/DOCKET NUMBER: 7853-104
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 790-9090
TELEFAX: (212) 869-8864
TELEX: 66141 PENNIE

INFORMATION FOR SEQ ID NO: 39:
SEQUENCE CHARACTERISTICS:
LENGTH: 643 amino acids
TYPE: amino acid
STRANDEDNESS:
TOPOLOGY: unknown
MOLECULE TYPE: protein
US-08-944-496-39

Query Match 2.3%; Score 7; DB 3; Length 643;
Best Local Similarity 100.0%; Pred. No. 2.9e+02;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 28 LIGAVNL 34
|||||
Db 367 LIGAVNL 373

RESULT 41
US-08-553-279-2
Sequence 2, Application US/08553279
Patent No. 5801024
GENERAL INFORMATION:
APPLICANT:
TITLE OF INVENTION: No. 5801024el oxidoreductase from filamentous fungi,
TITLE OF INVENTION: DNA coding therefore and cells transformed with said DNA.
NUMBER OF SEQUENCES: 9
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30B (EPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/553,279
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP PCT/NL94/00135
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 693 amino acids
TYPE: amino acid
STRANDEDNESS: unknown
TOPOLOGY: unknown
MOLECULE TYPE: protein
HYPOHETICAL: NO
ANTI-SENSE: NO
US-08-553-279-2

Query Match 2.3%; Score 7; DB 1; Length 693;
Best Local Similarity 100.0%; Pred. No. 3.1e+02;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 250 LVLAVL 256
|||||
Db 9 LVLAVL 15

RESULT 42
US-09-252-991A-30631
Sequence 30631, Application US/09252991A
Patent No. 6551795
GENERAL INFORMATION:
APPLICANT: Marc J. Rubenfield et al.
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
FILE REFERENCE: 107196.136
CURRENT APPLICATION NUMBER: US/09/252,991A
CURRENT FILING DATE: 1999-02-18
PRIOR APPLICATION NUMBER: US 60/074,788
PRIOR FILING DATE: 1998-02-18
PRIOR APPLICATION NUMBER: US 60/094,190
PRIOR FILING DATE: 1998-07-27

NUMBER OF SEQ ID NOS: 33142
SEQ ID NO 30631
LENGTH: 704
TYPE: PR
ORGANISM: Pseudomonas aeruginosa
US-09-252-991A-30631

Query Match 2.3%; Score 7; DB 4; Length 704;
Best Local Similarity 100.0%; Pred. No. 3.1e+02;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 253 LALVALI 259
|||||
Db 194 LALVALI 200

RESULT 43
US-08-310-912A-2
Sequence 2, Application US/08310912A
Patent No. 5981730
GENERAL INFORMATION:
APPLICANT: Ausubel, Frederick M.
APPLICANT: Staskiewicz, Brian J.
APPLICANT: Brent, Andrew F.
APPLICANT: Dahlbeck, Douglas
APPLICANT: Katagiri, Fumaki
APPLICANT: Kunkel, Barbara N.
APPLICANT: Mandinos, Michael N.
APPLICANT: Yu, Guo-Liang
TITLE OF INVENTION: RPS2 GENE FAMILY, PRIMERS, PROBES, AND DETECTION
TITLE OF INVENTION: METHODS
NUMBER OF SEQUENCES: 208
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson P.C.
STREET: 225 Franklin Street
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02110-2904
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30B
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/310,912A
FILING DATE: September 22, 1994
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/227,360
FILING DATE: April 13, 1994
ATTORNEY/AGENT INFORMATION:
NAME: Lech, Karen F.
REGISTRATION NUMBER: 35,238
REFERENCE/DOCKET NUMBER: 00786/254001
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 542-5070
TELEFAX: (617) 542-8906
TELEX: 100254
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 885 amino acids
TYPE: amino acid
STRANDEDNESS: not relevant
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-310-912A-2

Query Match 2.3%; Score 7; DB 2; Length 885;
Best Local Similarity 100.0%; Pred. No. 3.8e+02;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 256 LALITLG 262

Db 342 LALITLG 348

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|||||
Db 342 LALITLG 348

RESULT 44
US-08-841-089-2
; Sequence 2, Application US/08841089
; Patent No. 6127607
; GENERAL INFORMATION:
; APPLICANT: Ausubel, Frederick M.
; APPLICANT: Staakawicz, Brian J.
; APPLICANT: Brent, Andrew F.
; APPLICANT: Dahlbeck, Douglas
; APPLICANT: Katagiri, Fumiaki
; APPLICANT: Kunkel, Barbara N.
; APPLICANT: Mindinos, Michael N.
; APPLICANT: Yu, Guo-Liang
; TITLE OF INVENTION: RPS2 GENE AND USES THEREOF
; NUMBER OF SEQUENCES: 106
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson
; STREET: 225 Franklin Street Suite 3100
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02110-2904
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30B
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/841,089
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/227,360
; FILING DATE: 13-APR-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Clark, Paul T.
; REGISTRATION NUMBER: 30,162
; REFERENCE/DOCKET NUMBER: 00786/230001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 542-5070
; TELEFAX: (617) 542-8906
; TELEX: 100254
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 885 amino acids
; TYPE: amino acid
; STRANDEDNESS: not relevant
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-08-841-089-2

Query Match 2.3%; Score 7; DB 3; Length 885;
Best Local Similarity 100.0%; Pred. No. 3.8e+02;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
|||||
Db 342 LALITLG 348

APPLICANT: Katagiri, Fumiaki
APPLICANT: Kunkel, Barbara N.
APPLICANT: Mindinos, Michael N.
APPLICANT: Yu, Guo-Liang
; TITLE OF INVENTION: RPS2 GENE FAMILY, PRIMERS, PROBES, AND
; FILE REFERENCE: 00786/254002
; CURRENT APPLICATION NUMBER: US/09/301,085
; CURRENT FILING DATE: 1999-04-28
; EARLIER APPLICATION NUMBER: 08/310,912
; EARLIER FILING DATE: 1994-09-22
; EARLIER APPLICATION NUMBER: 08/227,360
; EARLIER FILING DATE: 1994-04-13
; NUMBER OF SEQ ID NOS: 208
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 2
; LENGTH: 885
; TYPE: PRT
; ORGANISM: Arabidopsis thaliana
US-09-301-085-2

Query Match 2.3%; Score 7; DB 3; Length 885;
Best Local Similarity 100.0%; Pred. No. 3.8e+02;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy 256 LALITLG 262
Db 342 LALITLG 348

RESULT 46
PCT-US95-04570-2
; Sequence 2, Application PC/TUS9504570
; GENERAL INFORMATION:
; APPLICANT: Ausubel, Frederick M.
; APPLICANT: Staakawicz, Brian J.
; APPLICANT: Brent, Andrew F.
; APPLICANT: Dahlbeck, Douglas
; APPLICANT: Katagiri, Fumiaki
; APPLICANT: Kunkel, Barbara N.
; APPLICANT: Mindinos, Michael N.
; APPLICANT: Yu, Guo-Liang
; TITLE OF INVENTION: RPS2 GENE AND USES THEREOF
; NUMBER OF SEQUENCES: 106
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson
; STREET: 225 Franklin Street Suite 3100
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02110-2904
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30B
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/04570
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/227,360
; FILING DATE: 13-APR-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Clark, Paul T.
; REGISTRATION NUMBER: 30,162
; REFERENCE/DOCKET NUMBER: 00786/230001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 542-5070
; TELEFAX: (617) 542-8906
; TELEX: 100254
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
```

LENGTH: 885 amino acids
TYPE: amino acid
STRANDEDNESS: not relevant
TOPOLOGY: linear
MOLECULE TYPE: protein
PCT-US95-04570-2

Query Match 2.3%; Score 7; DB 5; Length 885;
Best Local Similarity 100.0%; Pred. No. 3.8e+02;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 256 LALITLG 262
|||||
Db 342 LALITLG 348

RESULT 47
PCT-US95-04589-2
; Sequence 2, Application PC/TUS9504589
; GENERAL INFORMATION:
; APPLICANT: Ausubel, Frederick M.
; APPLICANT: Staskawicz, Brian J.
; APPLICANT: Brent, Andrew F.
; APPLICANT: Dahlbeck, Douglas
; APPLICANT: Katagiri, Fumiki
; APPLICANT: Kunkel, Barbara N.
; APPLICANT: Mindrinos, Michael N.
; APPLICANT: Yu, Guo-Jiang
; TITLE OF INVENTION: RP52 GENE AND USES THEREOF
; NUMBER OF SEQUENCES: 201
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson
; STREET: 225 Franklin Street Suite 3100
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02110-2904
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.30B
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/04589
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/227,360
; FILING DATE: 13-APR-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Clark, Paul T.
; REGISTRATION NUMBER: 30,162
; REFERENCE/DOCKET NUMBER: 00786/230001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 542-5070
; TELEFAX: (617) 542-8906
; TELEX: 100254
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 885 amino acids
; TYPE: amino acid
; STRANDEDNESS: not relevant
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; PCT-US95-04589-2

Query Match 2.3%; Score 7; DB 5; Length 885;
Best Local Similarity 100.0%; Pred. No. 3.8e+02;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 256 LALITLG 262
|||||
Db 342 LALITLG 348

RESULT 48
US-08-930-996A-7
; Sequence 7, Application US/08930996A
; Patent No. 6100449
; GENERAL INFORMATION:
; APPLICANT: FLUHR, Robert
; APPLICANT: ESHED, Yuval
; APPLICANT: ORI, Naomi
; APPLICANT: PARAN, Ilan
; APPLICANT: ZAMIR, Daniel

; TITLE OF INVENTION: A GENE FAMILY FROM THE 12 FUSARIUM RESISTANCE
; TITLE OF INVENTION: LOCUS OF TOMATO AND USE THEREOF FOR TRANSFORMATION AND
; TITLE OF INVENTION: SELECTIVE BREEDING OF TOMATO AND RELATED PLANTS
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BROWDY AND NEWMARK
; STREET: 419 Seventh Street, N.W., Suite 300
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20004

; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/930,996A
; FILING DATE: 09-DEC-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US96/05272
; FILING DATE: 15-APR-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: IL 113,373
; FILING DATE: 13-APR-1995

; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 907 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-08-930-996A-7

Query Match 2.3%; Score 7; DB 3; Length 907;
Best Local Similarity 100.0%; Pred. No. 3.9e+02;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 256 LALITLG 262
|||||
Db 350 LALITLG 356

RESULT 49
US-08-310-912A-142
; Sequence 142, Application US/08310912A
; Patent No. 5981730
; GENERAL INFORMATION:
; APPLICANT: Ausubel, Frederick M.
; APPLICANT: Staskawicz, Brian J.
; APPLICANT: Brent, Andrew F.
; APPLICANT: Dahlbeck, Douglas
; APPLICANT: Katagiri, Fumiki
; APPLICANT: Kunkel, Barbara N.
; APPLICANT: Mindrinos, Michael N.
; APPLICANT: Yu, Guo-Jiang
; TITLE OF INVENTION: RP52 GENE FAMILY, PRIMERS, PROBES, AND DETECTION
; TITLE OF INVENTION: METHODS
; NUMBER OF SEQUENCES: 208
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson P.C.

STREET: 225 Franklin Street
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02110-2904
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.308
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/310,912A
FILING DATE: September 22, 1994
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/227,360
FILING DATE: April 13, 1994
ATTORNEY/AGENT INFORMATION:
NAME: Lech, Karen F.
REGISTRATION NUMBER: 35,238
REFERENCE/DOCKET NUMBER: 00786/254001
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 542-5070
TELEFAX: (617) 542-8906
TELEX: 100254
INFORMATION FOR SEQ ID NO: 142:
SEQUENCE CHARACTERISTICS:
LENGTH: 909 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-310-912A-142

Query Match 2.3%; Score 7; DB 2; Length 909;
Best Local Similarity 100.0%; Pred. No. 3.9e+02;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 256 LALITLG 262
DB 350 LALITLG 356

RESULT 50
US-09-301-085-142
Sequence 142, Application US/09301085
Patent No. 6262248
GENERAL INFORMATION:
APPLICANT: Ausubel, Frederick M.
APPLICANT: Staaskawicz, Brian J.
APPLICANT: Brent, Andrew F.
APPLICANT: Dahlbeck, Douglas
APPLICANT: Katagiri, Fumiaki
APPLICANT: Kunkel, Barbara N.
APPLICANT: Mindinos, Michael N.
APPLICANT: Yu, Guo-liang
TITLE OF INVENTION: RES2 GENE FAMILY, PRIMERS, PROBES, AND
TITLE OF INVENTION: DETECTION METHODS
FILE REFERENCE: 00786/254002
CURRENT APPLICATION NUMBER: US/09/301,085
CURRENT FILING DATE: 1999-04-28
EARLIER APPLICATION NUMBER: 08/310,912
EARLIER FILING DATE: 1994-09-22
EARLIER APPLICATION NUMBER: 08/227,360
EARLIER FILING DATE: 1994-04-13
NUMBER OF SEQ ID NOS: 208
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 142
LENGTH: 909
TYPE: PRT
ORGANISM: Arabidopsis thaliana
US-09-301-085-142

Query Match 2.3%; Score 7; DB 3; Length 909;

Best Local Similarity 100.0%; Pred. No. 3.9e+02;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 256 LALITLG 262
DB 350 LALITLG 356

Search completed: December 15, 2003, 15:01:29
Job time : 23 secs

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